

09/703530

FIG. 1  
PRIOR ART

CLASS 1	CLASS 2	...	CLASS K
$b_1 v_1^{(1)}$	$b_1 b_2 v_2^{(1)}$	...	$b_1 b_2 \dots b_K v_K^{(1)}$
$b_1 v_1^{(2)}$	$b_1 b_2 v_2^{(2)}$	...	$b_1 b_2 \dots b_K v_K^{(2)}$
$\vdots$	$\vdots$		$\vdots$
$b_1 v_1^{(J)}$	$b_1 b_2 v_2^{(J)}$	...	$b_1 b_2 \dots b_K v_K^{(J)}$

09/703530-110100

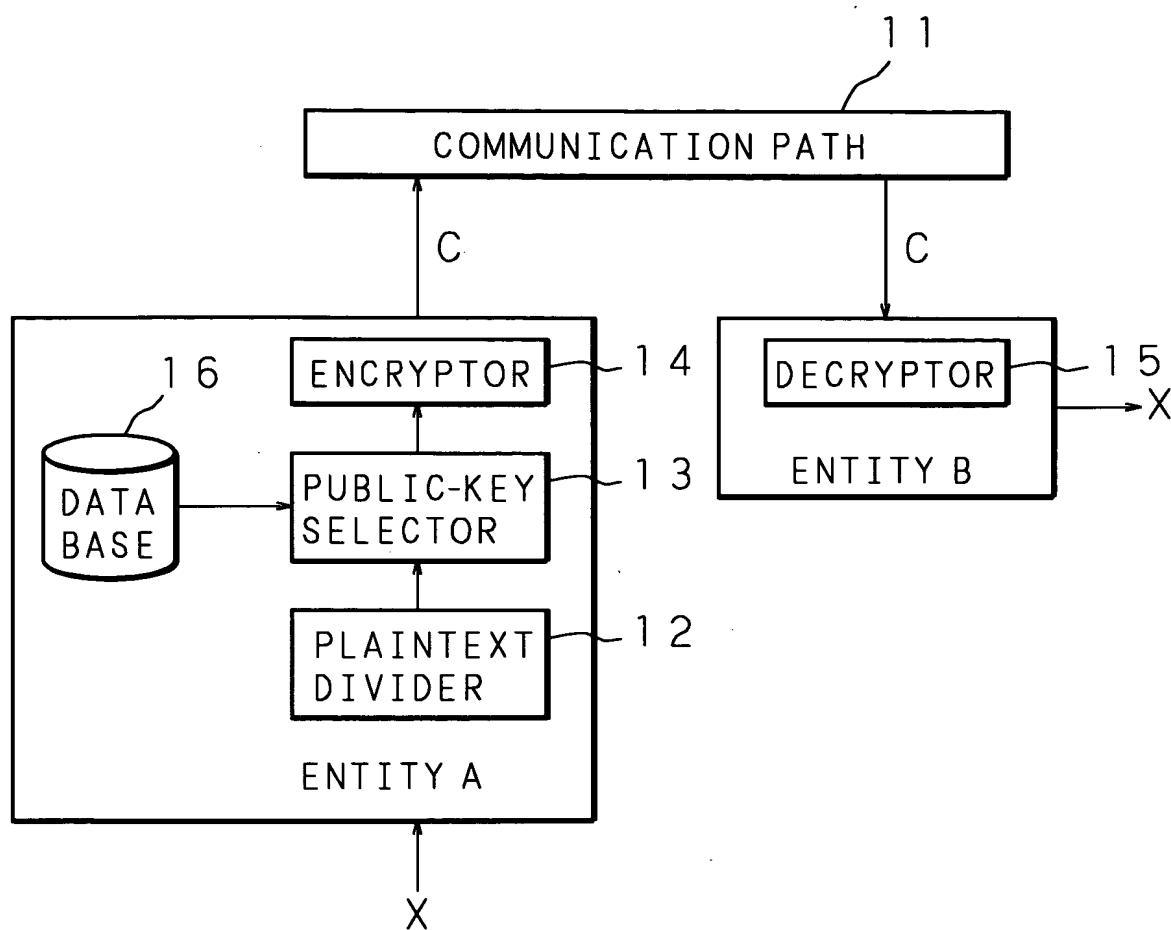


FIG. 3

CLASS 1	CLASS 2	CLASS 3	...	CLASS K
$v_1^{(0)} w_1$	$2 v_2^{(0)} w_1$	$2^2 v_3^{(0)} w_1$	...	$2^{K-1} v_K^{(0)} w_1$
$v_1^{(1)} w_1$	$2 v_2^{(1)} w_1$	$2^2 v_3^{(1)} w_1$	...	$2^{K-1} v_K^{(1)} w_1$

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FIG. 4



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